

**Notice of References Cited**

Application/Control No.

09/659,948

Applicant(s)/Patent Under  
Reexamination  
ANTONY, RICHARD T.

Examiner

Morella I Rosales-Hanner

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**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5,818,460	10-1998	Covey et al.	345/443
	B	US-5,649,084	07-1997	Ernst, Peter	345/630
	C	US-5,321,613	06-1994	Porter et al.	702/1
	D	US-5,924,053	07-1999	Horowitz et al.	702/90
	E	US-5,353,395	10-1994	Tokumasu et al.	345/441
	F	US-6,307,555	10-2001	Lee, Eugene T. Y.	345/423
	G	US-6,466,696	10-2002	Politis, George	382/226
	H	US-6,292,797	09-2001	Tuzhilin et al.	707/6
	I	US-6,148,295	11-2000	Megiddo et al.	707/3
	J	US-5,751,286	05-1998	Barber et al.	345/835
	K	US-5,901,245	05-1999	Warnick et al.	382/190
	L	US-5,724,451	03-1998	Shin et al.	382/240
	M	US-5,963,670	10-1999	Lipson et al.	382/224

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	B. Chazelle, D.P. Dobkin; "Intersection of Convex Objects in Two and Three Dimensions", Journal of the ACM, vol. 34, No. 1, Jan 1987, pp 1-27.
	V	You-Dong Liang, Brian A. Barsky, "Analysis and Algorithm for Polygon Clipping", Communications of the ACM, Vol 26, No. 11, Nov 1983, pp. 868-877
	W	Clodoveu A. Davis Jr., Alberto H. F. Laender, "Multiple Representations in GIS : Materialization Though Map Generation, Geometric, and Spatial Analysis Operations", ACM GIS '99. pp 60-65.
	X	Toshiaki Satoh, "Boolean Operations on Set Using Surface Data", 1991, ACM, pp 119-127.

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5,014,230	05-1991	Sinha et al.	703/2
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

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	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	D. Ayala, P. Brunet, R. Juan, I. Navazo, "Object Representation by Means of Nonminimal Division Quadtree and Octree", ACM Transactions on Graphics, Vol. 4, No. 1, Jan 1985, pp. 41 -59.
	V	Ingo Wegener, "The Size of Reduced OBDD's and Optimal Read-Once Branching Programs for Almost All Boolean Functions", IEEE, Vol 43, No. 11, Nov 1994, pp 1262-1269.
	W	Randal E. Bryant, "Symbolic Boolean Manipulation with Ordered Binary Decision Diagrams", July 1992.
	X	Randal C. Nelson, Hanan Samet, "A Consistent Hierarchical Representation for Vector Data", ACM, Vol 20, No. 4, 1986.

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	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
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	L	US-			
	M	US-			

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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Charles R. Dyer, Azriel Rosenfeld, and Hanan Samet, "Region Representation: Boundary Codes from Quadrees", Communications of the ACM, Vol 23, No. 3, Mar 1980, pp 171-179.□□
	V	Charles R. Dyer, Azriel Rosenfeld, and Hanan Samet, "Region Representation: Boundary Codes from Quadrees", Communications of the ACM, Vol 23, No. 3, Mar 1980, pp 171-179.□□
	W	Sabine Timpf and Andrew U. Frank, "Using Hierarchical Spatial Data Structures for Hierarchical Spatial Reasoning", 1997, Lecture Notes in Computer Science, pp 69-83.□□
	X	James M. Sheng, Olivia R. Liu Sheng, "R-tree for Large Geographic Information Systems in a Multi-User Environment", IEEE 1990.□□

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Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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	A	US-			
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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Hanan Samet, Robert E. Webber, "Storing a Collection of Polygons Using Quadtrees", ACM Transactions on Graphics, Vol 4, No 3, Jul 19885, pp. 182 -222.□□
	V	Richard T. Antony, "Principles of Data Fusion Automation", 1995 Artech House, Inc.
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.